

AMENDMENTS TO THE SPECIFICATION

On page 93 of the specification, please replace Table 11 with the clearer (more legible) copy appearing on the following page.

TABLE 11 - HML-2 subgroup of HERV-K Family

Query	Length	Target Locus	Targeted Description	Target Length	Score	Pscore	Matches	Similarities	Percent Alignment	Percent Query	Query Start	Query End	Target Start	Target End	Open Gap	Extension	Penalty
N4	7428	NT_02229351.2	/contig_orient=none /start=1 /end=160119 /chrom=2 Homo	102399	72570	3.9E-47	7334	7334	98	98	7428	1	13506	20899	-20	-5	
N4	7428	NT_00733651.3	/contig_orient=complement /start=1 /end=250001 /chrom=6	102399	72570	3.9E-47	7334	7334	98	98	7428	1	7428	29800	37193	-20	-5
N4	7428	NT_00950952.3	/contig_orient=forward /start=250002 /end=250002 /chrom=12	102399	72379	5.3E-47	7329	7329	98	98	7428	1	136539	143951	-20	-5	
N4	7428	NT_0095151S2.3	/contig_orient=complement /start=7623180 /end=7873180	102399	72707	3.1E-47	7345	7345	98	98	7428	1	114716	122137	-20	-5	
N4	7428	NT_02390151.2	/contig_orient=none /start=1 /end=166310 /chrom=8	102399	70366	1.3E-45	7222	7222	97	97	7428	1	94194	101616	-20	-5	
N4	7428	NT_025582053.2	/contig_orient=complement /start=4556361 /end=661270	102399	67986	5.9E-44	7112	7112	95	95	7428	1	164603	172033	-20	-5	
N4	7428	NT_02424951.2	/contig_orient=none /start=1 /end=167403 /chrom=11 Homo	102399	67986	5.9E-44	7112	7112	95	95	7428	1	18873	26303	-20	-5	
N4	7428	NT_01151959.5	/contig_orient=forward /start=2016320 /end=2266320	102399	68342	3.4E-44	7058	7058	95	95	7428	1	62776	69910	-20	-5	
N4	7428	NT_006785851.3	/contig_orient=complement /start=1 /end=250000 /chrom=5	102399	68610	2.6E-44	7066	7066	95	95	7428	1	144115	151250	-20	-5	
N4	7428	NT_00483855.3	/contig_orient=complement /start=999278 /end=1248551	102399	68624	2.1E-44	7072	7072	95	95	7428	1	23642	30777	-20	-5	
N4	7428	NT_00579553.3	/contig_orient=forward /start=405779 /end=655779 /chrom=3	102399	67968	6.1E-44	7040	7040	94	94	7428	1	122036	129165	-20	-5	
N4	7428	NT_02514053.3	/contig_orient=none /start=449919 /end=649836 /chrom=19	97618	68168	4.4E-44	7049	7049	94	94	7428	1	174979	182103	-20	-5	
N4	7428	NT_00933458.3	/contig_orient=complement /start=1574760 /end=1824759	102399	65447	3.4E-42	6913	6913	93	93	7428	1	116705	123823	-20	-5	
N4	7428	NT_00440654.3	/contig_orient=forward /start=797371 /end=985557 /chrom=1	85887	65099	6E-42	6910	6910	92	93	7428	1	103675	10860	-20	-5	
N4	7428	NT_01119254.3	/contig_orient=forward /start=750004 /end=949429 /chrom=19	102399	62351	4.9E-40	6844	6844	90	92	7428	1	17828	25313	-20	-5	
N4	7428	NT_007552514.3	/contig_orient=forward /start=3276099 /end=3526099 /chrom=6	102399	56493	5.7E-36	6795	6795	79	91	7428	1	141741	150230	-20	-5	
N4	7428	NT_011512523.3	/contig_orient=forward /start=5755084 /end=5755084	102399	64096	3E-41	6818	6818	92	91	7428	38	93282	100383	-20	-5	
N4	7428	NT_01963851.3	/contig_orient=none /start=1 /end=250001 /chrom=19	102399	57114	2.1E-36	6273	6273	82	90	7427	1	179318	187384	-20	-5	
N4	7428	NT_02241151.3	/contig_orient=none /start=1 /end=163648 /chrom=3	61348	65630	2.6E-42	6734	6734	95	90	7024	1	140614	147637	-20	-5	
N4	7428	NT_00563251.3	/contig_orient=complement /start=1 /end=214350 /chrom=3	102399	62739	2.6E-40	6630	6630	91	89	7428	1	48116	55040	-20	-5	
N4	7428	NT_02254451.3	/contig_orient=forward /start=1 /end=2171641 /chrom=3	102399	56001	1.3E-35	6420	6420	86	86	7428	1	176629	183705	-20	-5	
N4	7428	NT_0233752.3	/contig_orient=complement /start=250002 /end=455242	102399	49492	4.1E-31	6275	6275	79	84	1	7428	25289	33146	-20	-5	
N4	7428	NT_011520513.5	/contig_orient=forward /start=3068083 /end=3318083	102399	47530	9.6E-30	6166	6166	77	83	1	7425	146733	154470	-20	-5	
N4	7428	NT_01945354.3	/contig_orient=forward /start=750003 /end=1000003 /chrom=8	102399	50179	1.4E-31	6184	6184	82	83	7428	1	13951	21321	-20	-5	
N4	7428	NT_01948352.3	/contig_orient=forward /start=250001 /end=500001 /chrom=8	102399	50122	1.5E-31	6177	6177	82	83	7428	1	131375	138737	-20	-5	
N4	7428	NT_02403553.3	/contig_orient=forward /start=1000005 /end=1250005	102399	57370	1.4E-36	5859	5859	97	78	1	5981	41571	47546	-20	-5	
N4	7428	NT_02363851.3	/contig_orient=complement /start=151365 /chrom=7	102399	56440	6.2E-36	5651	5651	99	76	1772	7428	1	5656	-20	-5	
N4	7428	NT_02332351.2	/contig_orient=none /start=1 /end=103061 /chrom=5 Homo	102399	45124	4.5E-28	5600	5600	82	75	6704	1	1	6758	-20	-5	